

Title (en)

Controlling data transmission rate on the reverse link for each mobile station in a dedicated manner

Title (de)

Steuerung der Datenübertragungsrate in der Rückwärtsverbindung für jede Mobilstation einzeln

Title (fr)

Contrôle du taux de transmission de données pour la liaison retour de chaque station mobile d'une manière dédiée

Publication

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Application

EP 07008650 A 20020211

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- KR 20010057600 A 20010918

Abstract (en)

[origin: EP1811804A1] The data transmission rate on the reverse link in a mobile communications system is controlled by determining an interference level at a base station due to signals from all mobile stations served by the base station, and determining a transmission energy level required for each mobile station. The interference level is compared with the transmission energy level to obtain a comparison result for each mobile station, and each mobile adjusts its data transmission rate based upon the comparison result, which is sent via a common channel on a forward link to each mobile station in a dedicated manner. Thereafter, packet data is transmitted on the reverse link in accordance with the adjusting so that data throughput can be maximized.

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